BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, PROJECT DIVISION

EIRL

Name of Work:	**Fencing to BBMP Properties (other than Gardens Parks) ward no.08**
Estimate Amount:-	**Rs. 1,00,00,000.00/-**
Name of Contractor:-	**Sri S.K.Keshavamurthy**
Approved amount:-	**9284362.33**
Tender premium:-	**4.99% above**

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount in Rupees	Whether item alternate to item in the tender or whether they are additional item (if, in lieu of the same item in the accepted tender such items should be mentioned	Whether the extra item is included in the sanctioned estimate.	How the extra cost of the item is proposed to be met	Whether the extra item is included in the Schedule of rates of the division, if not, data sheet should accompany the rate list.	Remarks
1	2	3	4	5	6	7	8	9	10	11
E1	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including	Sqm	22.36	13097.50	292860.16	ADDITIONAL ITEM	No	General Savings	Data Rate	
				TOTAL ERIL AMOUNT	**292866.16**					

Note: Percentage of Extra item over the sanctioned Estimate=Extra item amount over the approved amount/Amount Put to tender x 100

Total cost as per Approved Amount, Rs =	**9284362.33**
Total cost of EIRL Amount, Rs=	**292866.16**

Percentage of Worslip = $\frac{\text{EIRL Amount}}{\text{Approved Amount}}$ **X 100**

% of EIRL =	**3.15**

Contractor

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

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BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, PROJECT DIVISION

Work Slip: As per Std Tender Documents

Name of Work: Fencing to BBMP Properties (other than Gardens Parks) ward no.08

Estimate Amount:- Rs. 1,00,00,000.00/-
Name of Contractor:- Sri S.K.Keshavamurthy
Approved amount:- 9284362.33
Tender premium:- 4.99% above

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Anticipated upto 125%			Qty. as per Anticipated above 125%			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	10	11	12	13	14	15	16	17	18	19	20
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	488.40	414.10	202246.44	512.41	512.41	414.10	212190.64	0.00	414.10	0.00	212190.64	9944.20	0.00	
8	KSRB 5-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4- do - with solid concrete blocks of size 400x150x200mm	Sqm	168.00	1028.31	172756.08	259.99	210.00	1028.31	215945.10	49.99	1028.31	51400.08	267345.18	94589.10	0.00	

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9	KSRB15-3 : Providing 15mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.KSRB15-3.5 : – do – cement mortar 1:4	Sqm	420.00	245.95	103299.00	443.98	443.98	245.95	109195.65	0.00	245.95	0.00	109195.65	5896.65	0.00
10	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.-do- with primer	Sqm	420.00	100.16	42067.20	460.59	460.59	100.16	46132.19	0.00	100.16	0.00	46132.19	4064.99	0.00
13	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.	Sqm	1911.00	795.72	1520620.92	2090.10	2090.10	795.72	1663134.37	0.00	795.72	0.00	1663134.37	142513.45	0.00

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14	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint, including cost of materials, labour, HOM complete as per specifications.	m	2700.00	454.06	1225962.00	3690.63	3375.00	454.06	1532452.50	315.63	454.06	143314.96	1675767.46	449805.46	0.00
	Grand total													706813.85	

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100

Approved Amount =	9284362.33
Excess Amount =	706813.85

$$\text{Percentage of Worslip} = \frac{\text{Excess Amount}}{\text{Approved Amount}} \times 100$$

Percentage of Worslip =	7.61	%

Contractor

Assistant Engineer
Yelahanka Project Division

Assistant Executive Engineer
Yelahanka Project Division

Executive Engineer
Yelahanka Project Division

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BRUHATH BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, PROJECT DIVISION

Comparitive Statement

Name of Work: Fencing to BBMP Properties (other than Gardens Parks) ward no.08

Estimate Amount:- Rs. 1,00,00,000.00/-

Name of Contractor:- Sri S.K.Keshavamurthy

Approved amount:- 92,84,362.33

Tender premium:- 4.99% above

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Rem
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	
1	KSRB 2-2 : Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.	Cum	488.40	414.10	202246.44	512.41	512.41	414.10	212190.64	0.00	414.10	0.00	512.41	212190.64	9944.20	0.00	
2	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum	3854.50	67.13	258752.59	2670.31	2670.31	67.13	179258.08	0.00	67.13	0.00	2670.31	179258.08	0.00	79494.51	
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	113.25	5692.45	644669.96	98.72	98.72	5692.45	561972.90	0.00	5692.45	0.00	98.72	561972.90	0.00	82697.07	
4	KSRB 5.2 : Providing and constructing granite / trap / basalt sizestone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications.KSRB 5.2-3 : - do - cement mortar 1:6 KBS 5.1.13	Cum	493.80	5114.86	2525717.87	461.34	461.34	5114.86	2359694.63	0.00	5114.86	0.00	461.34	2359694.63	0.00	166023.24	
5	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	47.40	6034.11	286016.81	46.86	46.86	6034.11	282765.94	0.00	6034.11	0.00	46.86	282765.94	0.00	3250.88	
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not	Cum	19.12	6297.87	120415.27	8.03	8.03	6297.87	50540.41	0.00	6297.87	0.00	8.03	50540.41	0.00	69874.87	
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and	MT	1.91	78977.64	150847.29	0.80	0.80	78977.64	63386.66	0.00	78977.64	0.00	0.80	63386.66	0.00	87460.63	

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	Description of Work	Unit	Qty as per Schedule8			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Rem
	2	3	Qty 7	Rates 8	Amount 9	10	Qty. 11	Rates 12	Amount 13	Qty. 14	Rates 15	Amount 16	Qty 10	Amount 17	Excess 18	Savings 19	
8	KSRB 15-14: Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4-	Sqm	168.00	1028.31	172756.08	259.99	210.00	1028.31	215945.10	49.99	1028.31	51400.08	259.99	267345.18	94589.10	0.00	
9	KSRB15-3 : Providing 15mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications KSRB15-3.5 : -do- cement mortar 1:4	Sqm	420.00	245.95	103299.00	443.98	443.98	245.95	109195.65	0.00	245.95	0.00	443.98	109195.65	5896.65	0.00	
10	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.-do- with primer	Sqm	420.00	100.16	42067.20	460.59	460.59	100.16	46132.19	0.00	100.16	0.00	460.59	46132.19	4064.99	0.00	
11	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300 2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified	Cum	1995.00	361.69	721571.55	1250.61	1250.61	361.69	452332.05	0.00	361.69	0.00	1250.61	452332.05	0.00	269239.50	
12	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of	m	1142.50	955.98	1092207.15	1109.50	1109.50	955.98	1060659.81	0.00	955.98	0.00	1109.50	1060659.81	0.00	31547.34	
13	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two	Sqm	1911.00	795.72	1520620.92	2090.10	2090.10	795.72	1663134.37	0.00	795.72	0.00	2090.10	1663134.37	142513.45	0.00	
14	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and	m	2700.00	454.06	1225962.00	3690.63	3375.00	454.06	1532452.50	315.63	454.06	143314.96	3690.63	1675767.46	449805.46	0.00	
15	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top	Sqm	64.80	3352.04	217212.19	0.00	0.00	3352.04	0.00	0.00	3352.04	0.00	0.00	0.00	0.00	217212.19	
	Sub Total				**9284362.33**				**8789660.92**			**194715.03**		**8984375.95**	**706813.85**	**1006800.22**	
	EIRL																

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	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Rem
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	
E1	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data Rate)	Sqm								22.36	13097.50	292860.16	22.36	292860.16	292860.16		
	Sub Total													9277236.11	999674.00	1006800.22	
	Miscellaneous & Rounding off													7126.22	7126.22		
	Total				9284362.33									9284362.33	1006800.22	1006800.22	

Contractor

Assistant Engineer

Asst. Executive Engineer

Executive Engineer

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